

Increase in power generation capacity by NTPC

†1276. SHRI MANGANI LAL MANDAL: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that NTPC have decided to increase the power generation capacity to 75 thousand megawatt by the year 2017 through hydro power projects along with other plants;

(b) whether, it is a fact that NTPC have decided to generate additional electricity amounting to 22 thousand megawatt with the investment of about 1,70,000 crore rupees during the Eleventh Five Year Plan; and

(c) if so, the details thereof and by the year 2020 the quantum of power generation in megawatt that will be required for the country?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) Yes, Sir. NTPC Ltd. has an ambitious plan to become a 75,000 MW company by the year 2017 through addition of power generation capacity based on hydro as well as coal, Gas/LNG and other viable sources.

(b) NTPC Ltd. envisages to add generation capacity of 21,941 MW in the 11th Five Year Plan (2007—2012). Investment envisaged by NTPC Ltd. during 11th five Year Plan period is Rs. 160732 crores.

(c) The details of NTPC Ltd.'s power projects during the 11th Five Year Plan is at Statement (See below). As per the draft report of 17th Electric Power Survey of India, 2,54,920 MW of peak electricity demand has been projected at power stations bus bars of utility systems for the year 2019-2020 and corresponding installed capacity required would be of the order of 3,30,000 MW.

Statement**NTPC's Capacity Addition Programme during XI Plan (2007—2012)**

I. Project (Fuel)/State	Status	Capacity	XI Plan 2007—12
1	2	3	4
Sipat-I (Coal)/Chhattisgarh	Ongoing	1980	1980
Barh (Coal)/ Bihar	Ongoing	1980	1980
Korba-III (Coal)/Chhattisgarh	Ongoing	500	500
Bhilai Exp. Power (Coal)-JV with SAIL/Chhattisgarh	Ongoing	500	500
NCTPP-II, Dadri (Coal)-Unit-I/U.P.	Ongoing	980#	980
Farakka-III (Coal)/West Bengal	Ongoing	500	500
Koidam (Hydel)/Himachal Pradesh	Ongoing	800	800

†Original notice of the question was received in Hindi.

#Main Plant award yet to be placed for NCTPP-II Unit-II (490 MW) and Tapovan Vishnugad HE PP (520 MW)

1	2	3	4
Loharinag Pala (Hydel)/Uttaranchal	Ongoing	600	600
Tapovan Vishnugad (Hydel)/Uttaranchal	New	520#	520*
Sub Total I			8360
II. Projects for which Main Plant Bids have been received/invited			
Kawas-II (Gas)/Gujarat \$	New	1300	1300
Jhanor Gandhar-II (Gas)/Gujarat \$	New	1300	1300
North Karanpura (Coal)/Jharkhand	New	1980	1320
Simhadri-II (Coal)/Andhra Pradesh	New	1000	1000
Ennore (Coal)-Joint Venture with Tamil Nadu Electricity Board/Tamil Nadu	New	1000	1000
Sub Total II			5920
III. Project for which Feasibility Reports/Detailed Project Reports have been prepared and all clearances are available			
Nabinagar-Joint Venture with Railways (Coal)/Bihar	New	1000	750
Sub Total III			750
IV. Projects for which Feasibility Reports/ Detailed Project Reports have been prepared and clearances/approvals are in progress			
Lata Tapovan (Hydel)/Uttaranchal @	New	171	171
Rammam-III (Hydel)/West Bengal@	New	120	120
Rajiv Gandhi CCPP-II at Kayamkulam (Gas)/Kerala	New	1950	1950
Barh-II (Coal), Bihar	New	1320	1320
Bongaigaon (Coal), Assam	New	750	750
Sub Total IV			4311
V. Project for which Feasibility Reports/ Detailed Project Reports are under preparation/ project to be allotted Darlipalli, Integrated Project (Coal), Ib Valley area, Orissa			
Mauda (Coal), Maharashtra	New	3200	800
Ultra Mega Project	New	1000	1000
Sub Total V			2600
Grand Total (I to V)			21941

Main Plant award yet to be placed for NCTPP-II Unit-II (490 MW) and Tapovan Vishnugad HEPP (520MW).

*On best effort basis.

@ To be implemented by NTPC Hydro Ltd. (a wholly owned subsidiary of NTPC).

\$ Main Plant bids have been received for Kawas-II & Jhanor Gandhar-II CLPD (1300 MW each), however these projects will be taken up only after signing of GSPA.